IN THE CLAIMS:

23. (Currently Amended) A network system comprising a mobile telecommunication network, in which data is transmitted in form of transmission frames, comprising

a network control unit for controlling communication in the network; and

a terminal for receiving and transmitting data from/to said network control unit; wherein

said network control unit is adapted to receive a request for changing a data rate from a first user data rate to a second user data rate,

said transmission frames always contain fill data actually not used, and

said network control unit is adapted to add/delete fill data to/from a transmission frame corresponding to the requested change of said data rate for transmitting data to said terminal at said second data rate; wherein

said terminal is adapted to detect the change in the amount of fill data and to change the user data rate for transmitting data to said network control unit according to the detected change by adding/deleting fill data in transmission frames corresponding to the requested change of user data rate, and

~~said network control unit comprises a network interworking means which is adapted to provide an interface between said network and a second network and wherein~~

~~said interworking means is adapted to receive said request for a data rate change from said second network and/or to initiate said request for a data rate change.~~

wherein said network control unit is adapted to indicate presence of fill data in a predetermined part of said transmission frame and to indicate an amount of fill data within the fill data of said transmission frame.

24. (Previously Presented) The network system according to claim 23, wherein the transmission data rate remains unchanged upon the change of the user data rate.

25. (Previously Presented) The network system according to claim 23, wherein said terminal is adapted to discard said fill data when receiving said transmission frames.

26. (Canceled)

27. (Canceled)

28. (Currently Amended) The network system according to claim ~~27~~23, wherein said network control unit is adapted to indicate absence of fill data in a predetermined part of said transmission frame.

29. (Previously Presented) The network system according to claim 28, wherein said terminal is adapted to detect said second user data rate from said absence/presence and fill data amount indications.

30. (Currently Amended) A method for controlling a mobile telecommunication network, in which data is transmitted in form of transmission frames, and in which a network control unit for controlling communication in the network and a terminal for receiving and transmitting data from/to said network control unit are provided, wherein said transmission frames contain fill data actually not used, said method comprising the steps of:

receiving, by said network control unit, a request for changing a data rate from a first user data rate to a second user data rate,

adding/deleting fill data to/from a transmission frame correspondingly to the requested change of data rate for transmitting data from said network control unit to said terminal;

detecting, by said terminal, said change in the amount of fill data in said data frame and

changing the data rate used by said terminal for transmitting data to said network control unit according to the detected change by adding/deleting fill data correspondingly to the requested change of data rate in transmission frames,

~~wherein said network control unit comprises a network interworking means for providing an interface between said network and a second network, and~~

~~said request for a data rate change is received from a second network and/or initiated by said network interworking means.~~

the method further comprising the steps of indicating presence of fill data in a predetermined part of said transmission frame and indicating an amount of fill data within the fill data of said transmission frame.

31. (Previously Presented) The method according to claim 30, wherein the transmission data rate remains unchanged upon the change of the user data rate.

32. (Previously Presented) The method according to claim 30, further comprising the step of discarding said fill data in said terminal when receiving said transmission frames.

33. (Canceled)

34. (Canceled)

35. (Currently Amended) The method according to claim ~~34~~30, further comprising the step of indicating absence of fill data in a predetermined part of said transmission frame in case of a upwards change of said data rate.

36. (Previously Presented) The method according to claim 35, wherein said detection step for detecting said second user data rate is performed by using said absence/presence and fill data amount indications.

37. (New) The network system according to claim 1, wherein said network control unit comprises a network interworking means which is adapted to provide an interface between said network and a second network.

38. (New) The network system according to claim 37, wherein said interworking means is adapted to receive said request for a data rate change from said second network and/or to initiate said request for a data rate change,

39. (New) The method according to claim 30, wherein said network control unit comprises a network interworking means for providing an interface between said network and a second network.

40. (New) The method according to claim 39, wherein said request for a data rate change is received from a second network and/or initiated by said network interworking means.